Capella: the Birth of an Industrial Ecosystem

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A tooled engineering method...
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Multi-viewpoint trade-off analysis (see ISO 42010 standard)
A tooled engineering method...
...in-house then open-sourced

Why
...in-house then open-sourced

- Share engineering environnements
- Standardization
- Share investments
- Good timing
...in-house then open-sourced

How?
...in-house then open-sourced

- Open source Capella code
- Initialize community
- Foster adoption
- Keep innovating!
Facilitating collaboration
Coordination is essential
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- The **end users** must be allowed to express their **needs**
- Shared **governance**
- **Open** innovation
Coordination is essential

- The **end users** must be allowed to express their **needs**
- Shared **governance**
- Open **innovation**

**Clarity**

- **Monthly Change Control Board**
- **All members**
- **Use Case Plenary Sessions**
It is working!
Examples

Companion components

Evolutions
Examples

Team For Capella

Clarity
Examples
Examples

M2Doc
https://github.com/ObeoNetwork/M2Doc
Examples

Requirements management viewpoint

![Diagram showing the relationship between requirements module, links module, Doors, ReqIF file, Capella model, and Clarity.](image-url)
And so much more...
Results

Companion components

Evolutions

Taylored toolchains
Ongoing Operational Deployments
You can benefit from it too!
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- **Open Source** [https://polarsys.org/capella/](https://polarsys.org/capella/)
- **Capella and Arcadia Forum** [https://polarsys.org/forums/index.php/i/4/](https://polarsys.org/forums/index.php/i/4/)
- **LinkedIn group** [https://www.linkedin.com/company/9237845](https://www.linkedin.com/company/9237845)
You can benefit from it too!

In a near future:

• A new **collaborative R&T** project
  • New industries (Automotive, Healthcare...)
  • Europe & Canada
  • Technical topics:
    • Architecture trade-off
    • Variability & Product Line Management
    • Digital continuity
    • ...

• **Capella** related events

• A dedicated **Working Group**
Securing your deployment...

Prepare Your Team

Adapt to Your Specifics

Deploy with Success
Thank You!

http://www.polarsys.org/capella
http://www.clarity-se.org